

ANALYST:		VPDES NO	
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Parameter: Nitrite
Method: HACH NitriVer 3
03/01

METHOD OF ANALYSIS:

	HACH Method 8507
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	Y	N
1) Is the correct module used in the DR100? [Mfr]		
2) Is the meter needle aligned with the left side of the meter when the meter is off (DR-100 only)? [Mfr]		
3) Is meter needle correctly aligned with the left side arrow when the meter is on (DR-100 only)? [Mfr]		
4) Are batteries in satisfactory condition? [Mfr]		
5) Is the correct program number entered in the HACH spectrophotometer? [1]		
6) Is the correct wavelength (507 nm) entered into the HACH spectrophotometer? [1]		
7) Are sample cells clean and in good condition? [Permit]		
8) Is sample cell filled to mark with 10 ml of sample? [4]		
9) Is one NitriVer 3 powder pillow (10 ml size) added to 10 ml sample? [5]		
10) Are the NitriVer 3 foil packs stored in a cool dry place out of direct sunlight and within their listed shelf life? [Mfr]		
11) Are the contents of the sample cell stoppered and adequately mixed? [5]		
12) Is the analysis made after 20 minutes following the addition of the NitriVer 3 powder pillow or 15 minutes after adding sample to an AccuVac ampul? [6/5]		
13) Is the meter zeroed with sample before sample analysis? [2]		
14) Is the light shield lowered when the meter is zeroed and when the sample is analyzed? [8]		
15) Are nitrite samples diluted properly to fall within the linear range of the meter (DR-100 0.02 mg/L, DR-700 0.350 mg/L, spectrophotometer 0.3 mg/L)? [Permit]		
16) Is analog scale on DR-100 read to the closest hash mark? [Permit]		
17) Is at least one nitrite standard run with each sample run? [SM4500-NO2 B.5/Permit]		
18) Is stock nitrite solution prepared quarterly? [Permit]		
19) Is stock nitrite solution preserved with 1 - 2 ml of chloroform per liter and stored at 4°C? [SM4500-NO2 B.3.e.1]		
20) Are intermediate and standard nitrite solutions prepared daily? [SM4500-NO2 B.3.e.2]		
21) Are standards prepared using Class A glassware? [SM 1070 B.2]		
22) Is standard rerun or meter serviced when nitrite standard is not within $\pm 10\%$ of the true value? [Permit]		

PROBLEMS: